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**XXVII. Extract of a Register of the
Barometer, Thermometer, and Rain, at
Lyndon in Rutland, 1772, by T. Barker,
Esq; Communicated by Sir John Pringle,
Bart. P. R. S.**

Read March 4, 1773.

		Barometer.			Thermometer.						Rain.
		Highest.	Lowest.	Mean.	In the house.			Abroad.			
					High.	Low.	Mean.	High.	Low.	Mean.	
Jan.	Morn.	29.94	28.35	29.26	44	31	36	45	10	30	2.145
	Aftern.				45	30½	37	51	25	35½	
Feb.	Morn.	29.65	28.65	29.11	46	29	37	46	13	31	3.477
	Aftern.				45½	30½	38	52	24	38½	
Mar.	Morn.	29.64	28.61	29.20	47½	33	41	47	23	34	2.346
	Aftern.				49	34½	42	57	32	43½	
April	Morn.	29.90	28.97	29.50	51	37½	44½	50	27	39	0.882
	Aftern.				52	40	46	57	35	48	
May	Morn.	30.02	29.07	29.66	55	45½	50½	55	33½	45	1.869
	Aftern.				56	46	52	68	47	55½	
June	Morn.	29.99	29.07	29.66	68	51½	59½	66	47	56	3.890
	Aftern.				70	53½	61	81	58½	68	
July	Morn.	29.99	28.96	29.61	65	59½	62	64	48½	56	0.891
	Aftern.				66	60½	63	73	62	68	
Aug.	Morn.	29.91	28.95	29.51	67	56½	61½	61	44	54½	1.678
	Aftern.				68	60	63	76	61	67½	
Sept.	Morn.	29.84	28.57	29.42	62½	52½	58	61½	40	51	4.515
	Aftern.				65	54	59	71	54½	60½	
Oct.	Morn.	29.95	28.77	29.52	58	51½	55	57	39	48	3.267
	Aftern.				59	52	56	64½	47½	57½	
Nov.	Morn.	29.93	28.50	29.26	55½	41	47	56	31½	41	2.461
	Aftern.				56	42	48	59	39½	46½	
Dec.	Morn.	30.06	28.78	29.57	48½	36	42½	50	24	38	1.226
	Aftern.				49½	36½	43	51½	28½	40½	

January began mild, but soon inclined to frost; and about the middle of the month, a severe season set in; much frost, and great snows, which would have been very great indeed, if it had been all lying together; but they were intermixed with thaw, rain, and floods, and continued to the middle of March. This caused a great expence of hay, and, with the very backward spring, and frequent cold weather, even to the middle of May, made few people have any considerable quantity of hay left. There were, however, some intervals of mild weather, and more grass this spring than last.

The summer was, in all the south of England, very dry, and burning. There was so little grass about London, that many were forced to fodder their cattle, even in the height of it; but in all the middle of England, the summer was a very fine one; no cold weather, nor in general very hot, but chiefly very fair and fine, and a sufficient quantity of rain came, whenever we wanted it: so great a quantity of hay, so well got, was hardly ever known. The beginning of harvest was also well got in, but the latter part of it, for it was a late one, was, in this country and northward, exceeding bad; and in this wet weather, some wheat suffered, most of the barley, and all the beans and pease. The crop of wheat, where it was well gotten, was tolerable good, the barley yielded worse, white pease were plentiful enough, but ill got, beans and grey pease universally a failing crop, much of the seed being burst in the wet seed-time. This bad latter part of harvest was in September, which was all very wet, as it was also, in a less degree, till the beginning of December,

ember, but so warm, that the grafs grew till the middle of October as fast as in summer; but the wheat seed-time was bad, which did but indifferently on wet land, though it came up very well on light soils. The season continued mild and open, the grafs springing, and scarce a morning that could be called frosty, till December 22, when a calm and moderate frost concluded the year.

Wet summers make plenty of grafs, but drier seasons are more favourable to corn. The most plentiful ten years in my time were from 1741 to 1750, which were also the driest; and the most failing series of crops have been since that remarkable wet year 1763; since which, there has been, in general, much more rain than before.

P. S. Be pleased to correct the following errata, in my former letter, Phil. Transf. Vol. LXI. p. 223.

	For	Read
Feb. 10.	E. by W.	E. by N.
16.	E. by W.	E. by N.
Aug. mean 36 to 70.	2.194.	2.184.
Nov. 1737.	9.570.	0.570.